

Title (en)  
PROCESS FOR DECOMPOSING DILUTED SULFURIC ACID

Publication  
**EP 0093909 B1 19851204 (DE)**

Application  
**EP 83103894 A 19830421**

Priority  
DE 3216420 A 19820503

Abstract (en)  
[origin: EP0093909A1] 1. Process for decomposing dilute sulphuric acid which is contaminated with organic constituents and possibly contains metal sulphate by pyrolysis at temperatures higher than 1000 degrees C, the acid being first atomised at low temperatures and then subjected to pyrolysis in an already finely-divided form, characterised in that the atomisation of the acid is carried out in a nozzle consisting of several individual atomising chambers and the swarm of drops leaves the nozzle in the form of a hollow cone.

IPC 1-7  
**C01B 17/90**; **B05B 1/06**

IPC 8 full level  
**B05B 1/06** (2006.01); **B05B 7/04** (2006.01); **B05B 7/06** (2006.01); **C01B 17/58** (2006.01); **C01B 17/90** (2006.01); **B05B 7/10** (2006.01)

CPC (source: EP)  
**B05B 7/0466** (2013.01); **B05B 7/06** (2013.01); **C01B 17/58** (2013.01); **C01B 17/90** (2013.01); **B05B 7/10** (2013.01)

Cited by  
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**EP 0093909 A1 19831116**; **EP 0093909 B1 19851204**; DE 3216420 A1 19831103; DE 3361392 D1 19860116

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